

IN THE DRAWINGS:

Please delete page "6/6" of the drawings, also labeled as "Reference Numerals" in its entirety.

IN THE CLAIMS:

Please amend the claims as follows:

1 1. (Amended) A method for manufacturing a [speaker]
2 diaphragm for a loudspeaker, [said method] comprising the steps of:
3 [disposing] heating a molded resin [speaker] diaphragm for said
4 loudspeaker; and [made by one of injection molding and sheet forming by heating]
5 in a reactive chamber;
6 [disposing an electrode outside said reactive chamber;]
7 [and] activating the surface of said [speaker] diaphragm for said
8 loudspeaker by applying plasma while keeping the temperature inside said reactive
9 chamber below [the] a heat deformation temperature of said [speaker] diaphragm
10 for said loudspeaker.

1 2. (Amended) The method for manufacturing a [speaker]
2 diaphragm for a loudspeaker as defined in Claim 1, wherein a plurality of [said]
3 molded resin speaker diaphragms are placed inside [a in] said reactive chamber at
4 a certain interval so as to apply plasma substantially uniformly.

1 3. (Amended) The method for manufacturing a [speaker]
2 diaphragm for a loudspeaker as defined in Claim 1, wherein isocyanate primer is
3 applied after plasma treatment.

1 4. (Amended) The method for manufacturing a [speaker]
2 diaphragm for a loudspeaker as defined in Claim 2, wherein isocyanate primer is
3 applied after plasma treatment.

1 5. (Amended) The method for manufacturing a [speaker]
2 diaphragm for a loudspeaker as defined in Claim 1, wherein one of monopolymer
3 and copolymer of polyolefin such as polyethylene and polypropylene is used as a
4 material for said [speaker] diaphragm for said loudspeaker.

1 6. (Amended) The method for manufacturing a [speaker]
2 diaphragm for a loudspeaker as defined in Claim 2, wherein one of monopolymer
3 and copolymer of polyolefin such as polyethylene and polypropylene is used as a
4 material for said [speaker] diaphragm for said loudspeaker.

1 7. (Amended) The method for manufacturing a [speaker]
2 diaphragm for a loudspeaker as defined in Claim 3, wherein one of monopolymer
3 and copolymer of polyolefin such as polyethylene and polypropylene is used as a
4 material for said [speaker] diaphragm for said loudspeaker.

1 8. (Amended) The method for manufacturing a [speaker]
2 diaphragm for a loudspeaker as defined in Claim 4, wherein one of monopolymer
3 and copolymer of polyolefin such as polyethylene and polypropylene is used as a
4 material for said [speaker] diaphragm for said loudspeaker.

1 9. (Amended) A [speaker] diaphragm for a loudspeaker.
2 manufactured in accordance with the steps of:

[disposing] heating a molded resin speaker diaphragm; [made by one of injection molding and sheet forming by heating in a reactive chamber; disposing an electrode outside said reactive chamber;] and activating the surface of said speaker diaphragm by applying plasma while keeping the temperature inside said reactive chamber below [the] a heat deformation temperature of said [speaker] diaphragm for said loudspeaker.

10. (Amended) The [speaker] diaphragm for a loudspeaker as defined in Claim 9, wherein isocyanate primer is applied after plasma treatment.

11. (Amended) The [speaker] diaphragm for a loudspeaker as defined in Claim 9, wherein one of monopolymer and copolymer of polyolefin such as polyethylene and polypropylene is used as a material for said [speaker] diaphragm for said loudspeaker.

12. (Amended) The [speaker] diaphragm for a loudspeaker as defined in Claim 10, wherein one of monopolymer and copolymer of polyolefin such as polyethylene and polypropylene is used as a material for said [speaker] diaphragm for said loudspeaker.

13. (Amended) A loudspeaker, [at least] comprising:
a magnetic circuit;
a frame connected to said magnetic circuit; and
a loudspeaker diaphragm [whose] having an inner circumference [being] which is connected to a voice coil embedded in a magnetic gap of said magnetic circuit, and an outer circumference being bonded to said frame;
wherein said loudspeaker diaphragm [is one of that defined in Claims 9 to 12] is manufactured in accordance with the steps of:

9 heating a molded resin speaker diaphragm; and
10 activating the surface of said loudspeaker diaphragm by applying
11 plasma while keeping the temperature inside said reactive chamber below a heat
12 deformation temperature of said loudspeaker diaphragm.

1 14. (Amended) A loudspeaker, [at least] comprising:
2 a magnetic circuit;
3 a frame connected to said magnetic circuit; and
4 a [speaker] diaphragm for said loudspeaker [whose] having an inner
5 circumference [being] which is connected to a voice coil embedded in a magnetic
6 gap of said magnetic circuit, and an outer circumference being bonded to said
7 frame via an edge;

8 wherein said [speaker] diaphragm for said loudspeaker is [one of that
9 defined in Claims 9 to 12] manufactured in accordance with the steps of:

10 heating a molded resin loudspeaker diaphragm; and
11 activating the surface of said loudspeaker diaphragm by applying
12 plasma while keeping the temperature inside said reactive chamber below a heat
13 deformation temperature of said loudspeaker diaphragm.

Please add the following new claims:

1 15. (Newly Added) The method for manufacturing a loudspeaker
2 diaphragm as defined in claim 1, further comprising the step of manufacturing said
3 molded resin speaker diaphragm by one of injection molding and sheet forming.

1 16. (Newly Added) The method of manufacturing a loudspeaker
2 diaphragm as defined in claim 1, wherein said reactive chamber is disposed with a
3 meshed metal frame inside said reactive chamber and with an electrode outside
4 said reactive chamber.

1 17. (Newly Added) A loudspeaker diaphragm as defined in claim
2 9, wherein said loudspeaker diaphragm is further manufactured in accordance with
3 one of injection molding and sheet forming.

1 18. (Newly Added) A loudspeaker diaphragm as defined in claim
2 9, wherein said reactive chamber is disposed with a meshed metal frame inside
3 said reactive chamber and with an electrode outside of said reactive chamber.

1 19. (Newly Added) A loudspeaker according to claim 13,
2 wherein said loudspeaker diaphragm is further manufactured in accordance with
3 one of injection molding and sheet forming.

1 20. (Newly Added) A loudspeaker according to claim 13,
2 wherein said reactive chamber is disposed with a meshed metal frame inside said
3 reactive chamber and with an electrode outside said reactive chamber.